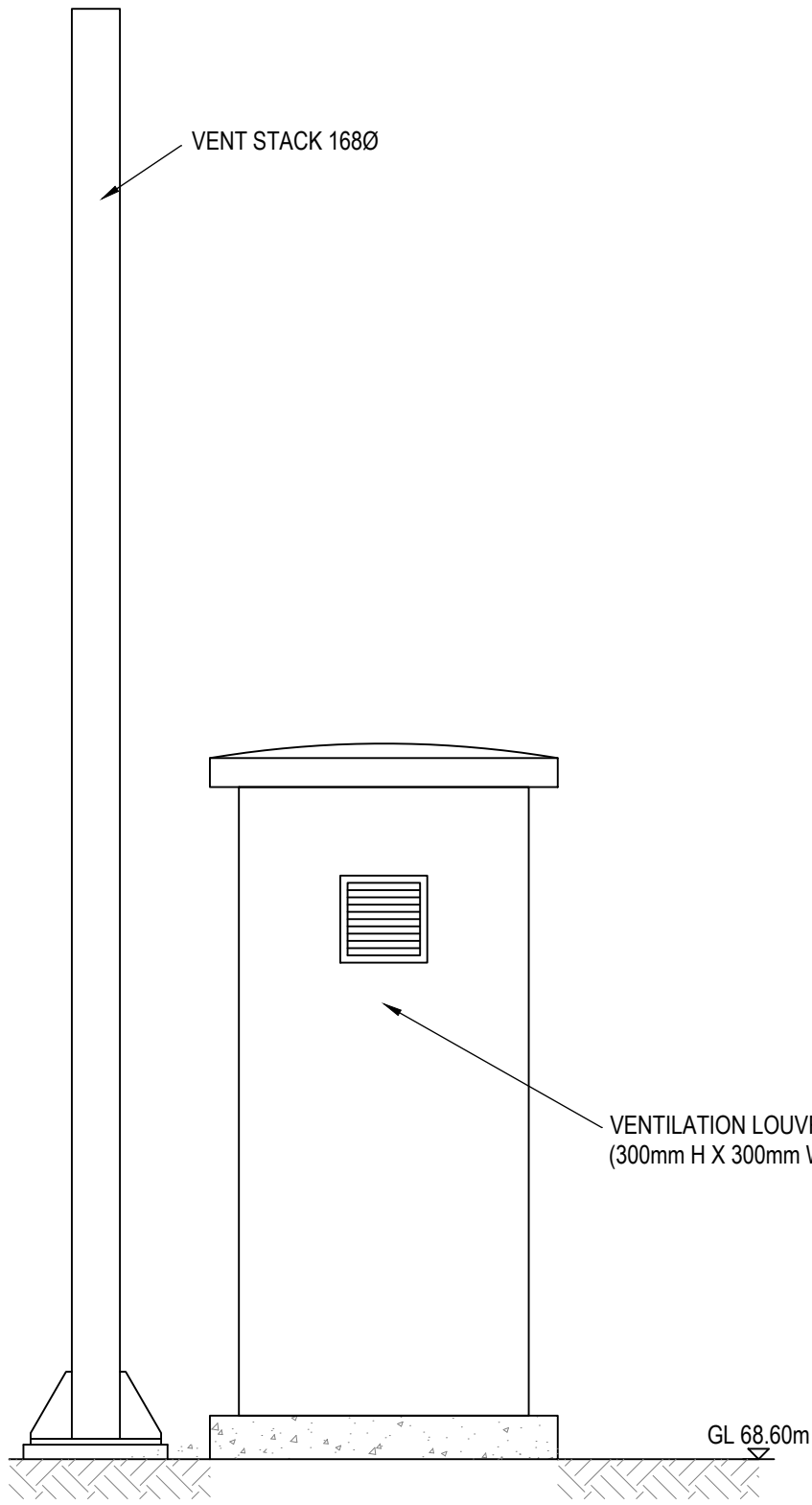
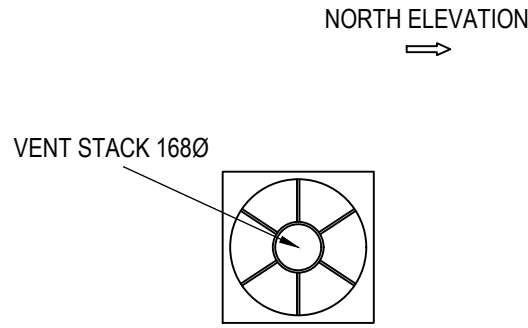


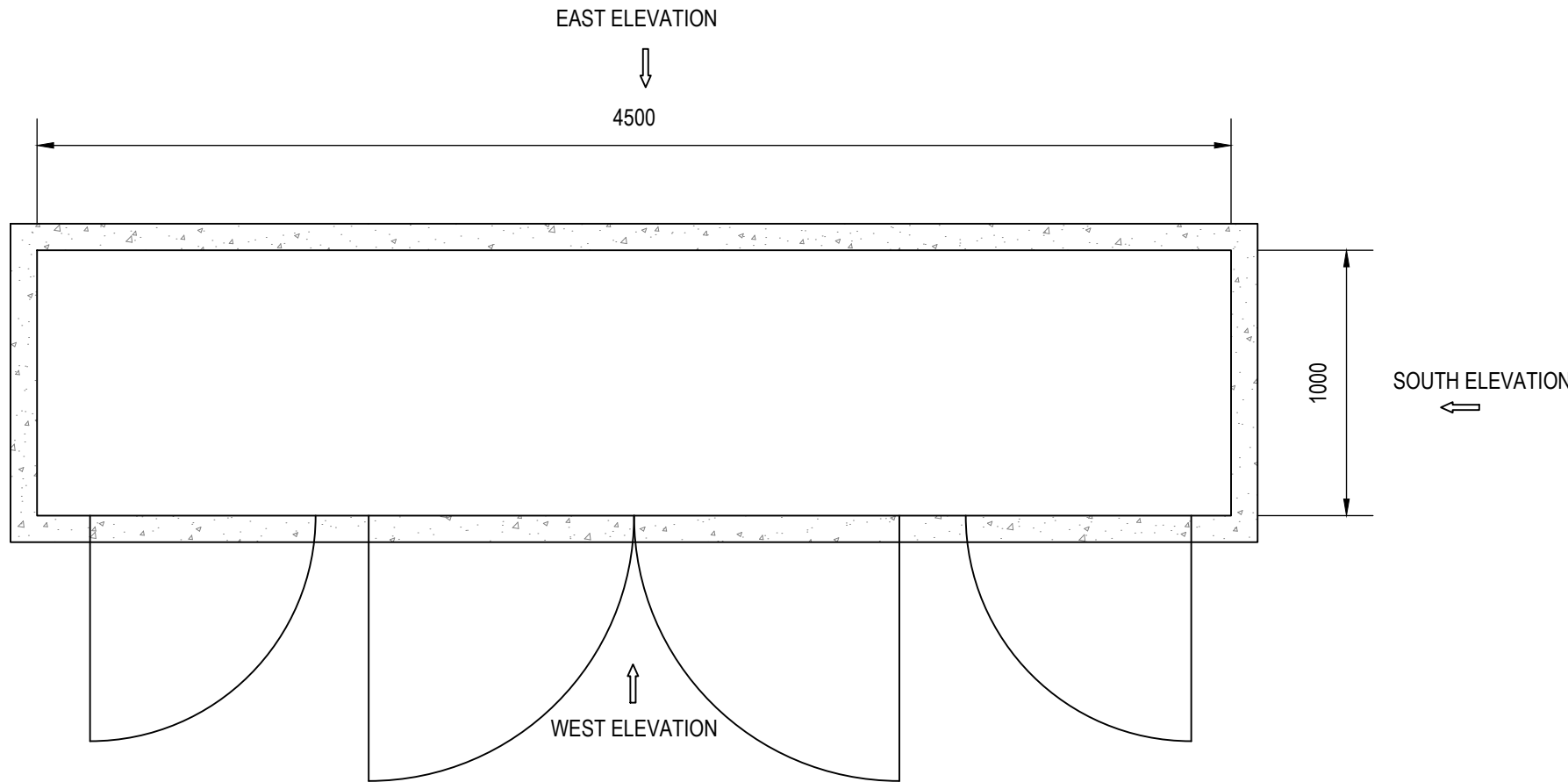
Appendix D. Proposed Kiosk and Pressure Relief Column Plan and Elevations



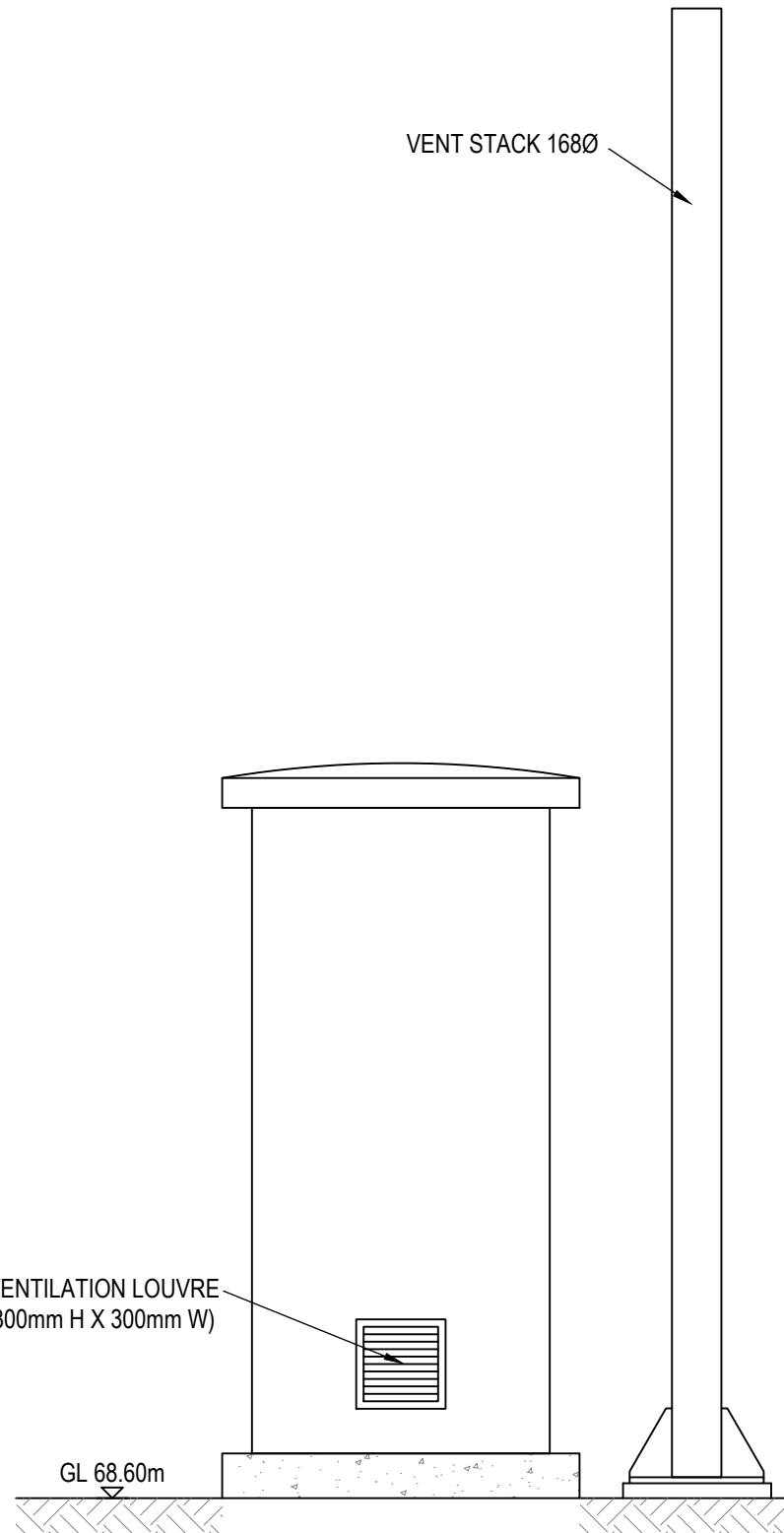
SOUTH ELEVATION



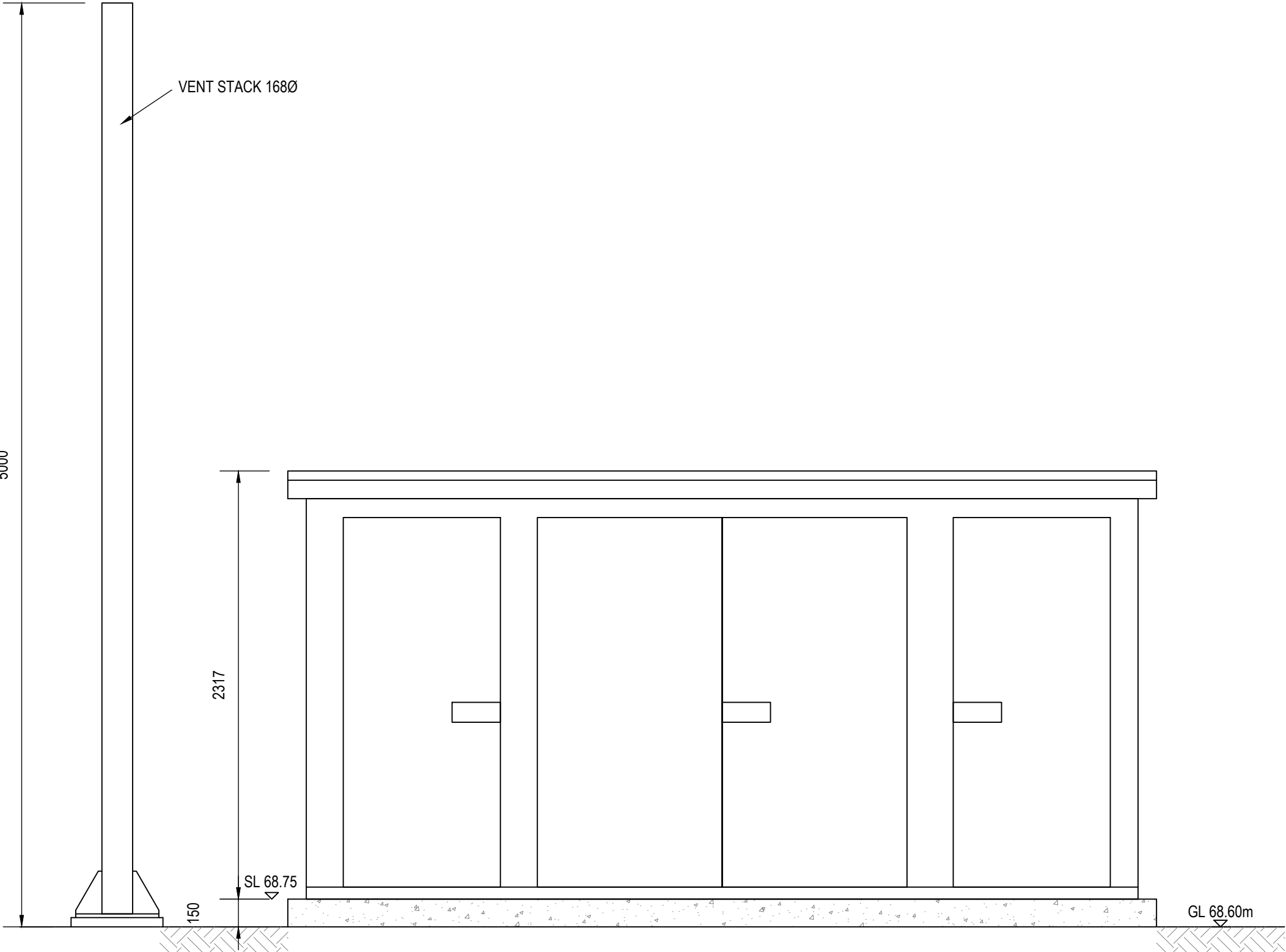
NORTH ELEVATION



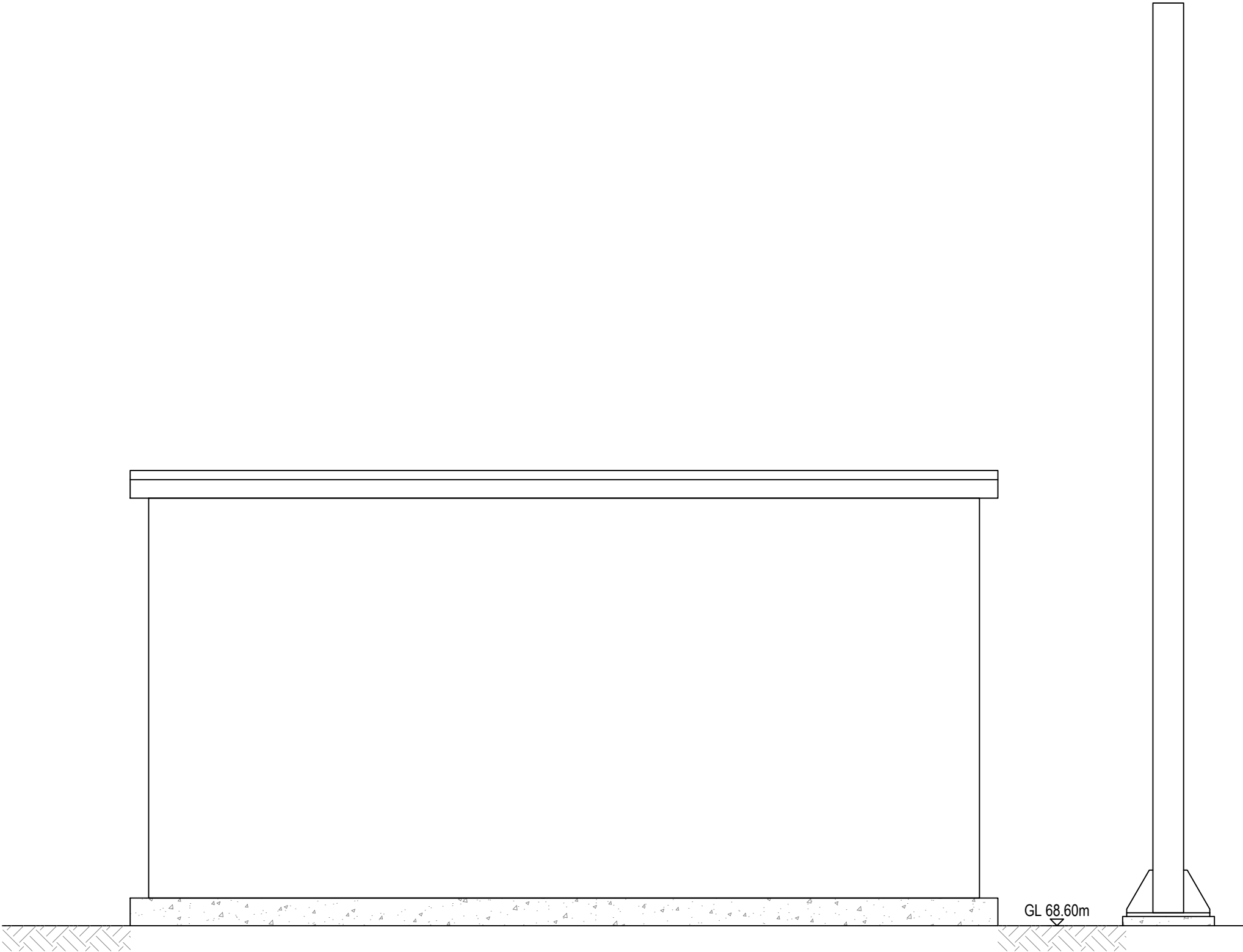
PLAN



NORTH ELEVATION



WEST ELEVATION



EAST ELEVATION

NOTES:

1. This drawing is to be read in conjunction with other Eastwood Consulting Engineers drawings prefixed 48304.
2. All dimensions are in millimetres unless indicated otherwise. Dimensions shown are the external dimensions to the MCC kiosk.
3. Louvres to be colour matched to kiosk.

PROPOSED MATERIAL:

MCC Kiosk - Glass reinforced plastic
Colour - 14 C 39 Holly Green (BS4800)
Base Construction - Reinforced concrete

Vent Stack - Powder coated steel
Colour - Grey (Matt finish) RAL7047

P02	Size of kiosk updated	DW	VS	19.03.2024
P01	First issue.	DW	VS	06.03.2024
REV	DESCRIPTION	SIG	CHK	DATE

MORRISON
Water Services
A part of **MGroup**Services

United
Utilities
helping life flow smoothly

BOOTHROYDEN RD CSO

PROPOSED MCC KIOSK AND VENT
STACK PLAN AND ELEVATIONS

Eastwood
CONSULTING ENGINEERS

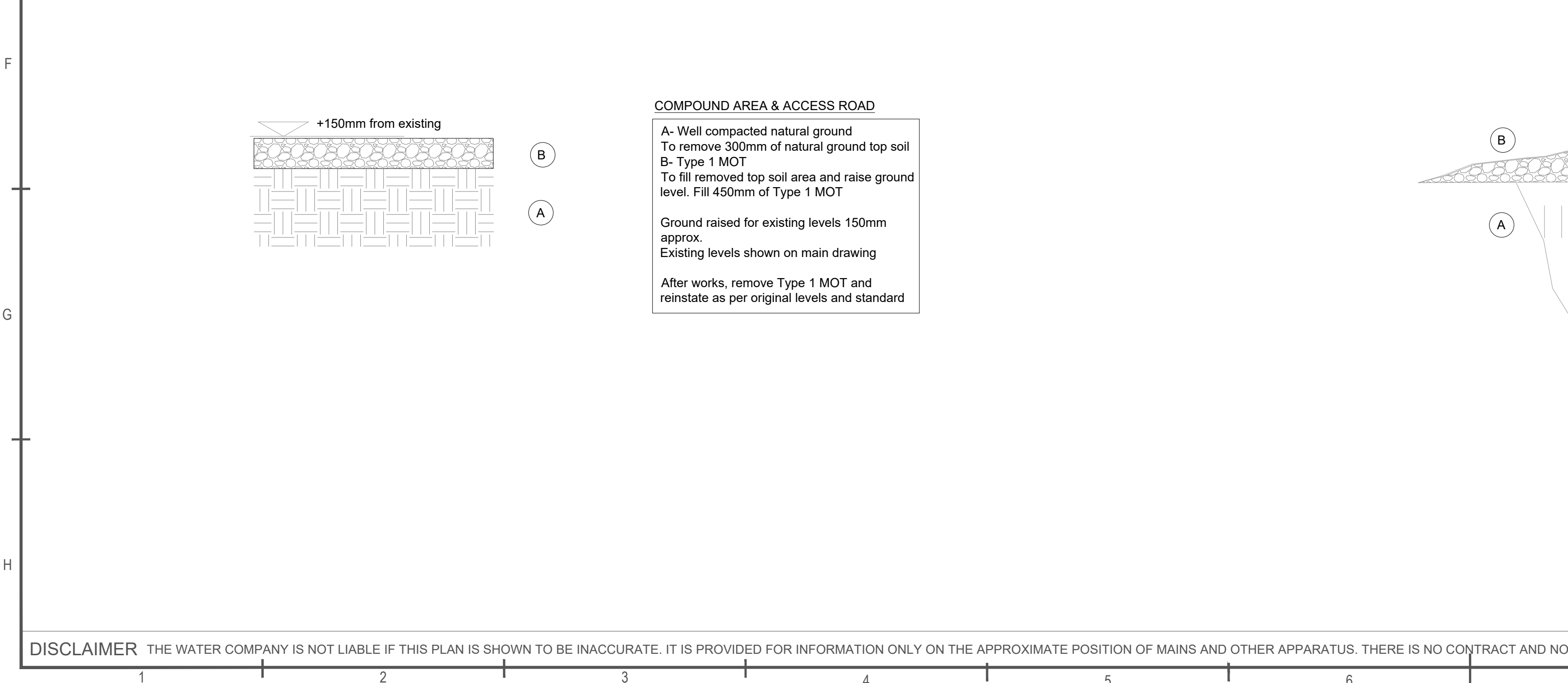
St Andrew's House
23 Kingfield Road
Sheffield, S11 9AS

T: 0114 255 4554
E: mail@eastwoodce.com
eastwoodce.com

ECE PROJECT No	SCALE AT A1	STATUS	SUITABLE FOR	REV
48304	1:25	S0	Initial	
DRAWING NUMBER				REV
48304 - ECE - XX - XX - DR - C - 0106				P02
Project	Originator	Zone	Level	Type
				Role
				Number

Appendix E. Proposed Temporary Site Access Bridge

Appendix F. Proposed Ground Level Raised



OVERVIEW OF BOOTHROYDEN RD CSO

Google Maps Location

Legend

- Proposed Temporary bridge location- abutments location and where to raise the ground level for construction traffic
- Proposed compound area where to raise the ground level

Notes

- Do not scale this drawing
- Dimensions shown in mm unless estate otherwise
- This drawing is based on topographical survey by Morris Infrastructure Group UK Surveying & Engineering Division numbered MIG_715_3DT dated 01.12.2023

ONLY FOR INFORMATION

MORRISON Water Services
A part of MGroupServices

Client: **United Utilities**
helping life flow smoothly

PROPOSED GROUND LEVEL RAISED

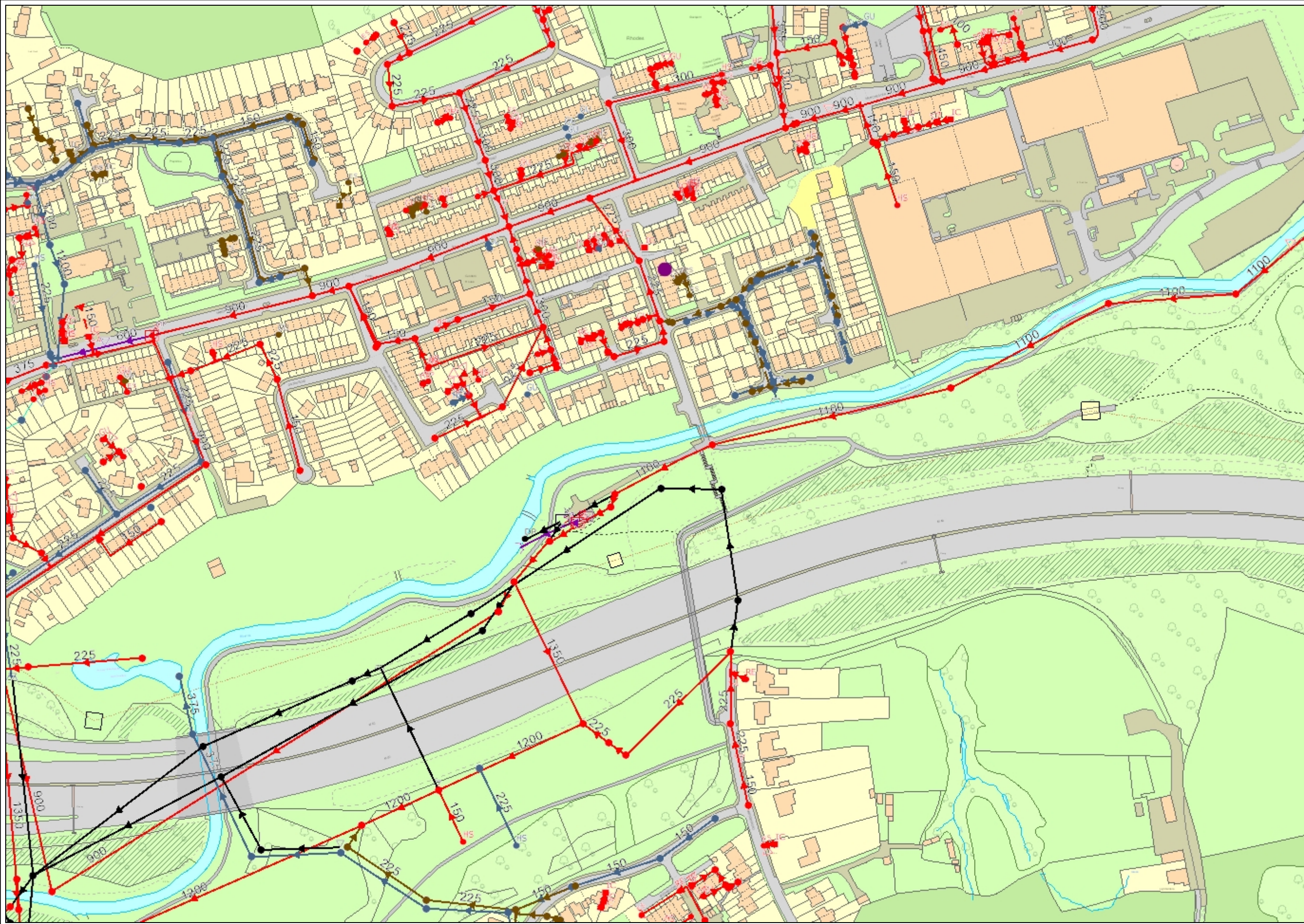
PROJECT: BOOTHROYDEN RD CSO

TITLE: 1 Boothroyden Cl
Middleton
Manchester
M24 4RW

OSGR: 385008, 404970

DESIGNED: SF	SURVEYED: SF	A1 SCALE 1:500
DRAWN: SF	APPROVED: CC	A3 SCALE
REVISION A:	REVISION B:	DRG REF.
DRG. No ROC0018-80065149-LEVEL-001		STATUS DR TBC

Appendix G. United Utilities Sewer Infrastructure



**United Utilities Maps
for SafeDig**

Date :	08/03/2024 13:36:21
Centre X:	385062
Centre Y:	405011
Scale :	2500
UserName:	M3NR95

**Extract from maps of United Utilities'
Underground Assets**

The position of the underground apparatus shown on this plan is approximate only and is given in accordance with the best information currently available. The actual positions may be different from those shown on the plan and private service pipes may be shown by a blue broken line. United Utilities Water will not accept liability for any damage caused by the actual position being different from those shown.

Crown copyright and database rights 2024. Ordnance Survey 100022432. This plan is based on the Ordnance Survey Map with the sanction of the Controller of H.M. Stationary Office. Crown and United Utilities Water copyrights are reserved. Unauthorised reproduction will infringe these copyrights.





United Utilities SafeDig Website

Wastewater Symbolology

Abandoned	Foul	Surface Water	Combined	
				Public Sewer
				Private Sewer
				Section 104
				Rising Main
				Sludge Main
				Overflow
				Water Course
				Highway Drain

All point assets follow the standard colour convention: **red** – combined
blue – surface water

brown - foul
purple - overflow

Manhole	Side Entry Manhole
Head of System	Outfall
Extent of Survey	Screen Chamber
Rodding Eye	Inspection Chamber
Inlet	Bifurcation Chamber
Discharge Point	Lamp Hole
Vortex	T Junction / Saddle
Penstock	Catchpit
Washout Chamber	Valve Chamber
Valve	Vent Column
Air Valve	Vortex Chamber
Non Return Valve	Penstock Chamber
Soakaway	Network Storage Tank
Gully	Sewer Overflow
Cascade	Ww Treatment Works
Flow Meter	Ww Pumping Station
Hatch Box	Septic Tank
Oil Interceptor	Control Kiosk
Summit	
Drop Shaft	Change of Characteristic
Orifice Plate	

Appendix H. Environment Agency River Level and Flow Data

From: [GMMC Info Requests](#)
To: [REDACTED]
Subject: [EXTERNAL] GMMC349307SW Response attached from the Environment Agency
Date: 28 February 2024 15:52:07
Attachments: [image004.png](#)
[GMMC349307SW_DFM.pdf](#)
[GMMC349307SW_Table.pdf](#)

Dear Ellie,

Thank you for your enquiry which was received on 27/02/24.

We respond to requests under the Freedom of Information Act 2000 and Environmental Information Regulations 2004.

I enclose the data requested.

We have no records of flooding affecting the site.

However, this does not mean flooding has not occurred in the past or that it will not flood in future.

We recommend that you also contact United Utilities and Manchester and Rochdale Councils

Who may hold additional information (the former especially in relation to sewer flooding).

There are no flood defences in the vicinity of the site.

There are no 2D levels available for this site.

Manchester and Rochdale Councils is responsible for issues relating to surface water and hold information on surface water flooding.

Please be aware you can check your risk of flooding on our external website <https://flood-warning-information.service.gov.uk/long-term-flood-risk/>

Here are some useful links below:

<https://www.gov.uk/guidance/flood-risk-assessment-local-planning-authorities>

<https://www.gov.uk/guidance/flood-risk-assessments-climate-change-allowances>

Please refer to the [Open Government Licence](#) which explains the permitted use of this information.

Please get in touch if you have any further queries or contact us within two months if you'd like us to review the information we have sent.

Kind regards,

Sarah Walters

Customer and Engagement Officer

Greater Manchester, Merseyside and Cheshire

Email: inforequests.gmmc@environment-agency.gov.uk

Office address: Richard Fairclough House, Knutsford Road, Latchford, Warrington, WA14 4UW

From: Rigby, Ellie [REDACTED]
Sent: Tuesday, February 27, 2024 2:55 PM
To: Enquiries, Unit <enquiries@environment-agency.gov.uk>
Subject: 240228/ER01 FRA product 4 data request: River Irk, Manchester

You don't often get email from [REDACTED] [Learn why this is important](#)

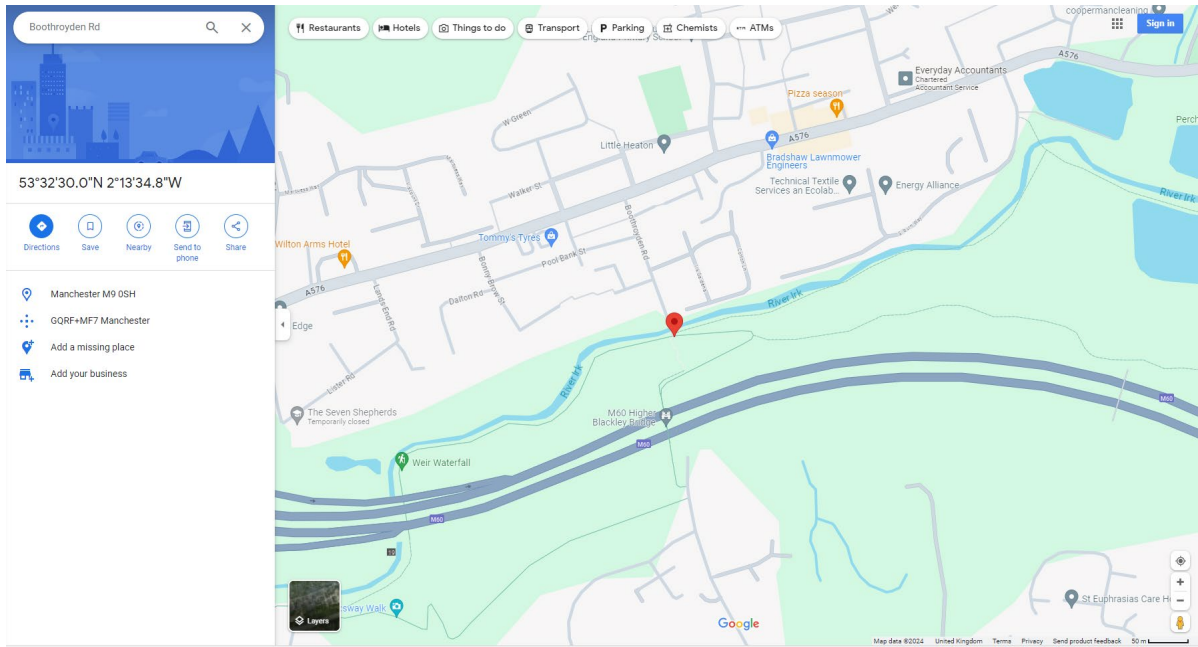
Good afternoon,

We are carrying out a Flood Risk Assessment (FRA) for works near the River Irk, Manchester, M9 OSH.

Please can you provide the standard [Product 4 data](#):

Detailed Flood Risk Assessment Map, including flood zones, defences and storage areas, areas benefiting from defences, statutory main river designations, historic flood event outlines and more detailed information from your computer river models (including model extent, information on one or more specific points, flood levels, flood flows).

Location: River Irk, Boothroyden Rd, Manchester, [M9 OSH](#), E: 680100 N: 680100.



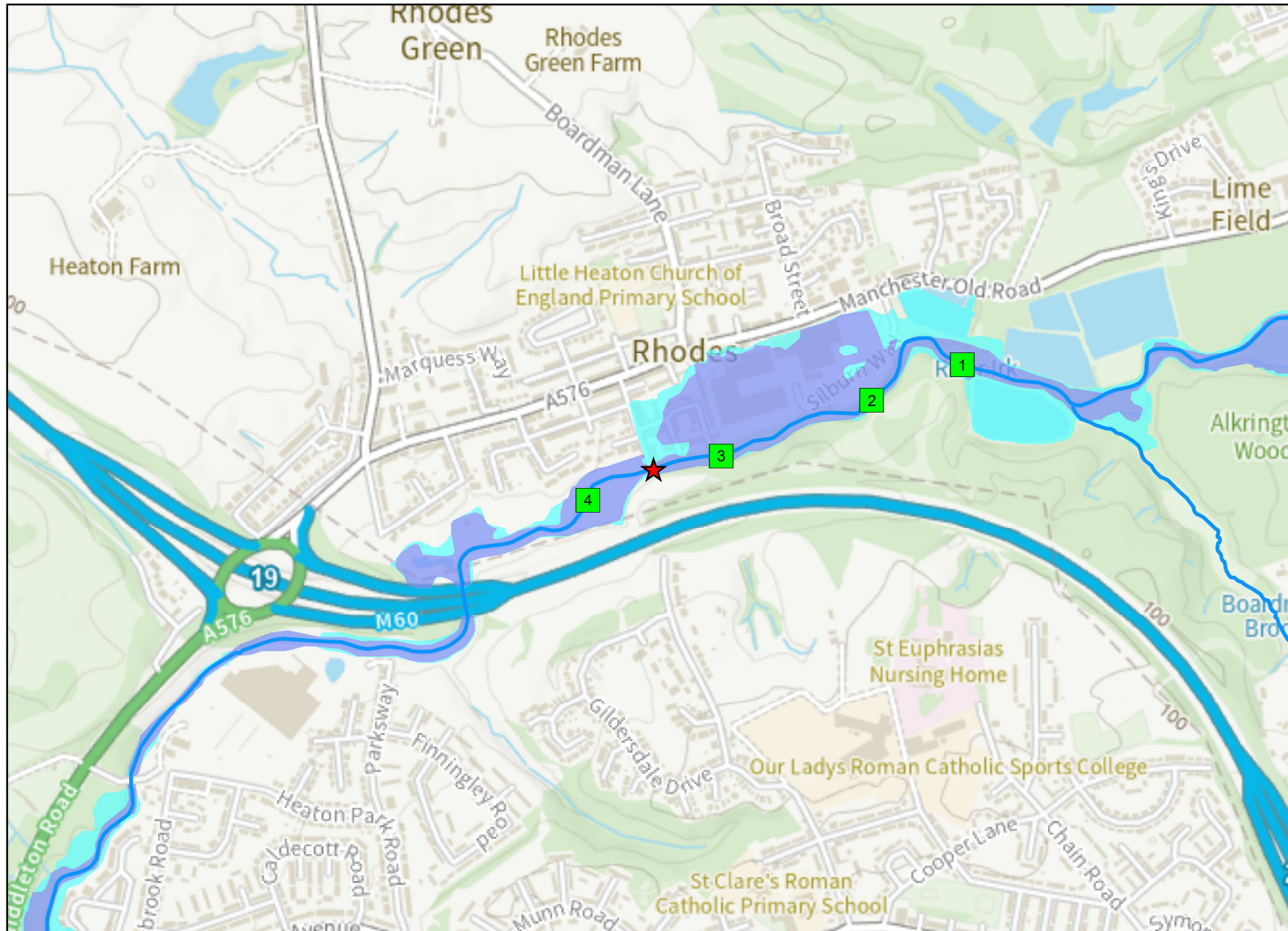
Many thanks
Ellie

Ellie Rigby

NOTICE - This communication may contain confidential and privileged information that is for the sole use of the intended recipient. Any viewing, copying or distribution of, or reliance on this message by unintended recipients is strictly prohibited. If you have received this message in error, please notify us immediately by replying to the message and deleting it from your computer.

Information in this message may be confidential and may be legally privileged. If you have received this message by mistake, please notify the sender immediately, delete it and do not copy it to anyone else. We have checked this email and its attachments for viruses. But you should still check any attachment before opening it. We may have to make this message and any reply to it public if asked to under the Freedom of Information Act, Data Protection Act or for litigation. Email messages and attachments sent to or from any Environment Agency address may also be accessed by someone other than the sender or recipient, for business purposes.

Detailed Flood Map Centred on Boothroyden Road, Manchester, M9 0SH. Created 28/02/2024 [GMMC349307SW]



1:10,001



Legend

- ★ Site Location
- Model Measurements
- Main River
- Flood Zone 3
- Flood Zone 2